

Claims

1. An isolated polynucleotide comprising the polynucleotide sequence set forth in SEQ ID NO:1.
- 5 2. An isolated polynucleotide that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.
3. An isolated polypeptide comprising the polypeptide sequence set forth in SEQ ID NO:2.
- 10 4. The isolated polypeptide of claim 3 consisting of the polypeptide sequence set forth in SEQ ID NO:2.
5. A vector comprising the isolated polynucleotide of claim 2.
6. An isolated host cell comprising the vector of claim 5.
- 15 7. A process for producing a VANILREP4 polypeptide comprising culturing a host cell of claim 6 under conditions sufficient for the production of said polypeptide.
8. A membrane of a recombinant host cell of claim 7 expressing said polypeptide.